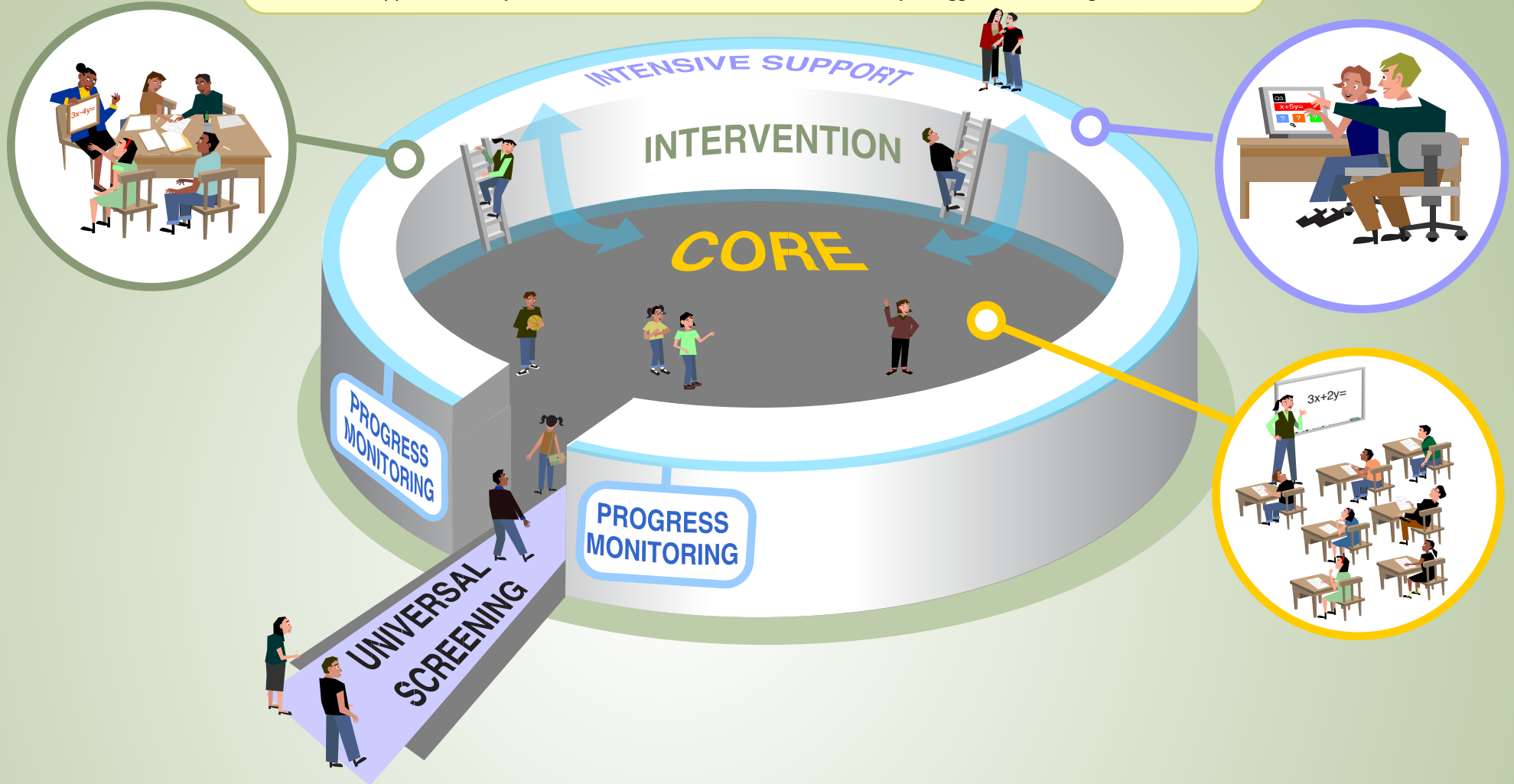


Response to Intervention in Mathematics

Response to Intervention (RtI) is a system of timely detection and prevention to support students who are potentially at risk and assist them before they fall behind. RtI is grounded in high quality core classroom instruction supplemented by intensive interventions for students who may struggle with reading and mathematics.



Screening and Monitoring

- Screen all students
- Select screening measures based on: reliability, efficiency, validity
- Implement screening twice a year
- Monitor student progress regularly

Foundations of Arithmetic

- Cover math topics in depth:
 - Whole numbers in K-5
 - Rational numbers in grades 4-8
- Teach underlying structures of word problems
- Include daily practice for fact fluency

Intentional Teaching

- Teach explicitly: explanations, thinkalouds, modeling
- Scaffold problem solving
- Use visual representations
- Provide immediate corrective feedback
- Praise effort and engagement